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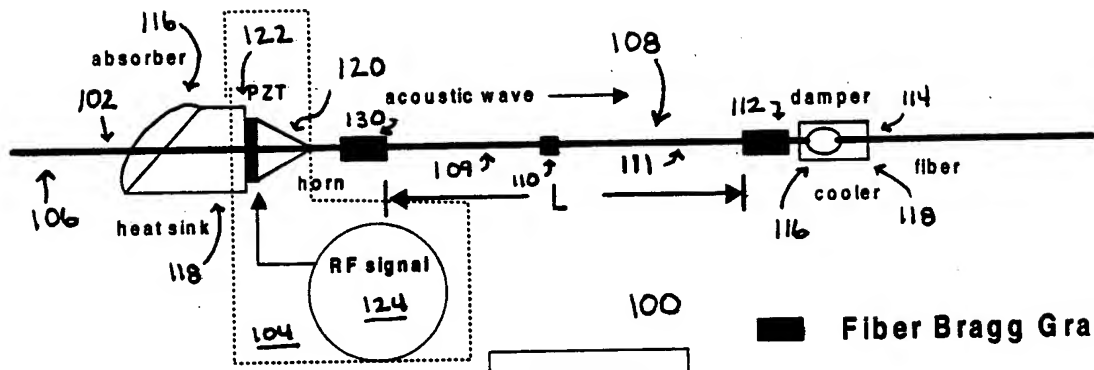


Figure 1a

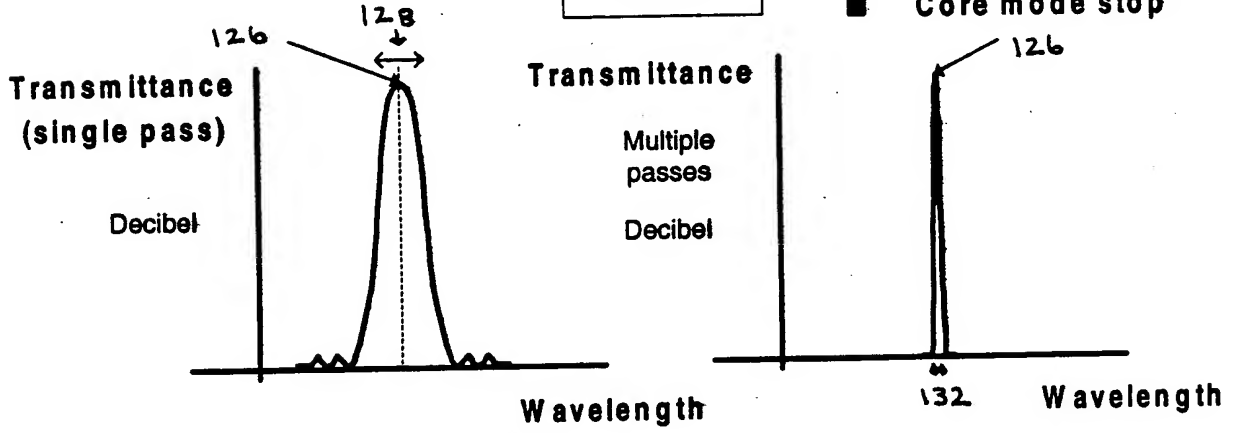
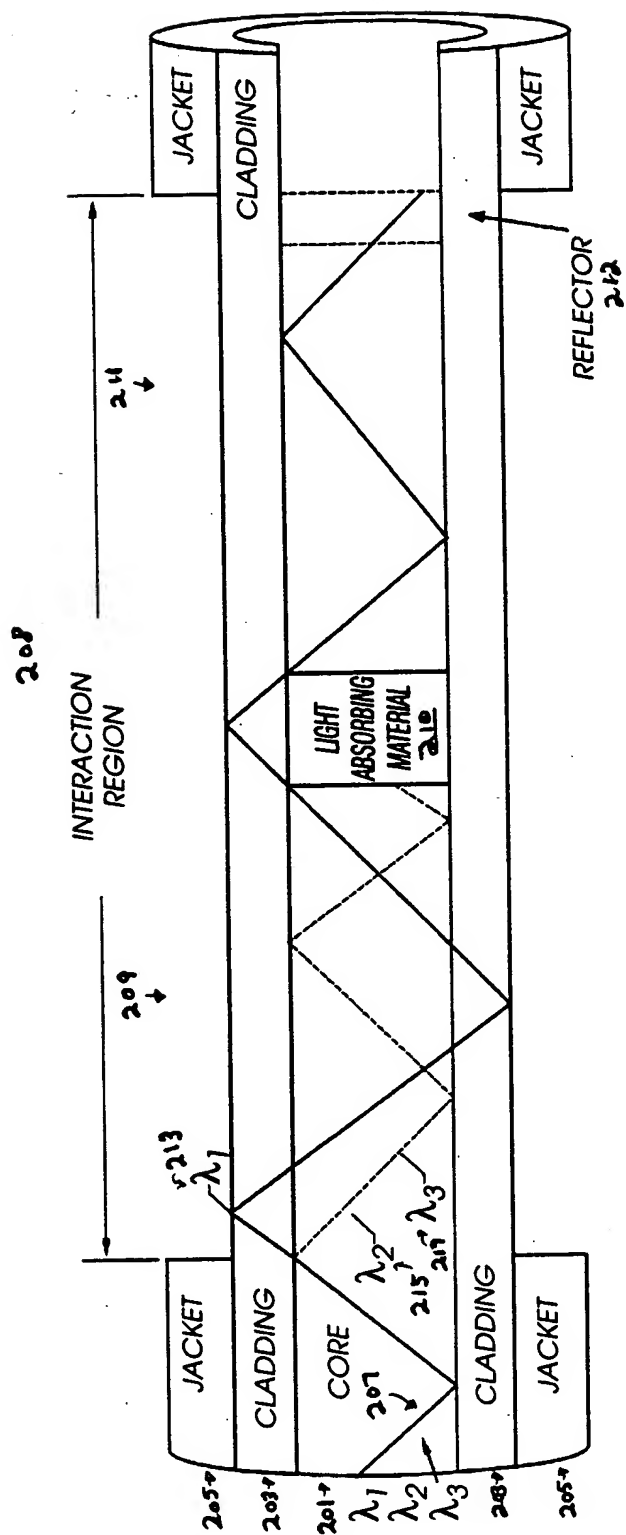


Figure 1b



$\lambda_1 = 1550\text{nm}$

$\lambda_2 = 1554\text{nm}$

$\lambda_3 = 1555\text{nm}$

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FIGURE
2



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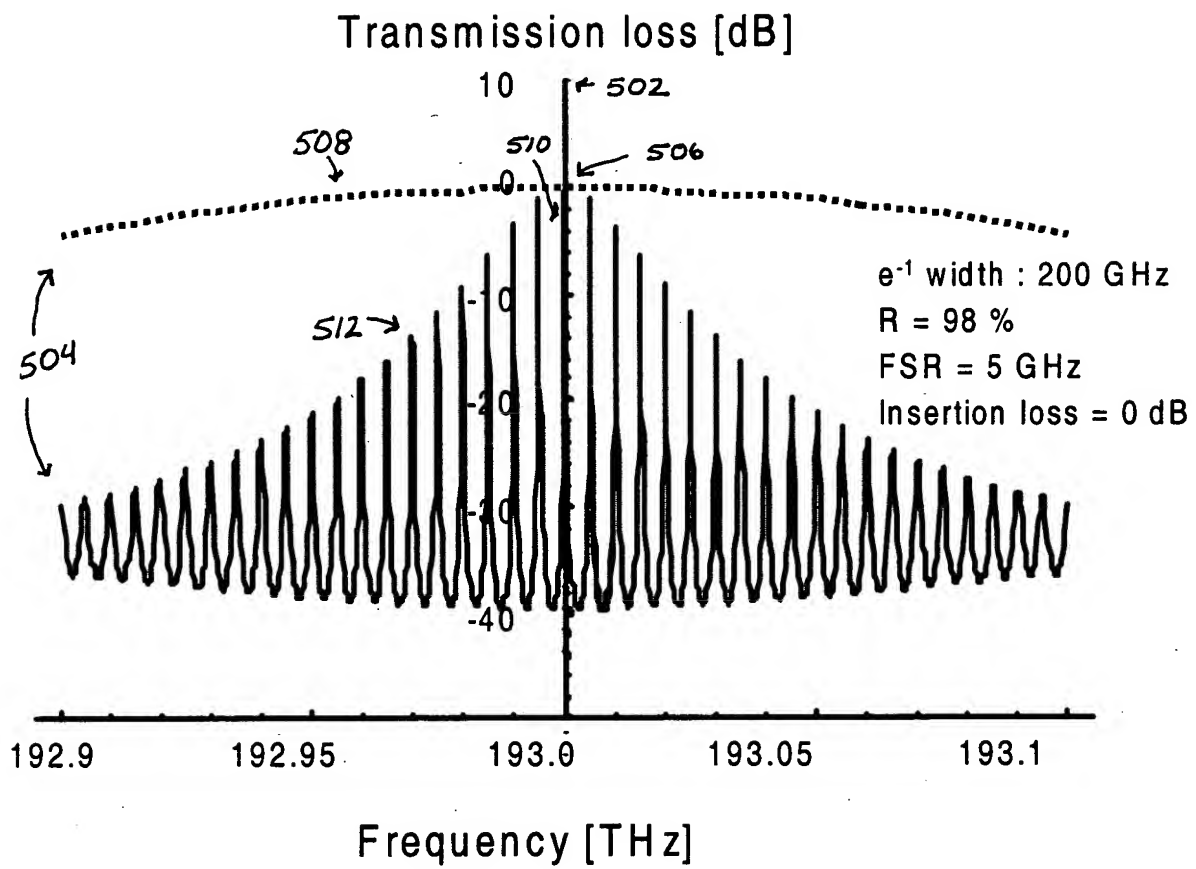


Figure 5

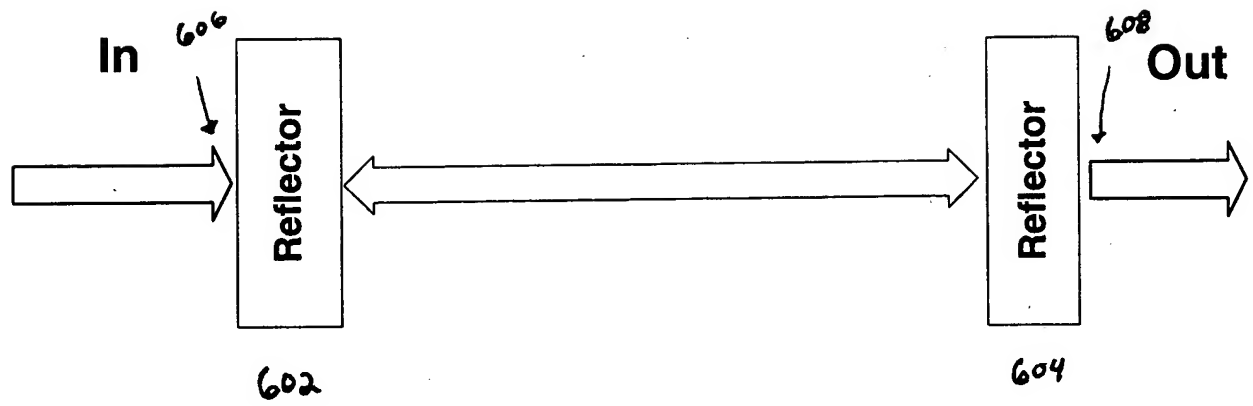


Figure 6

702

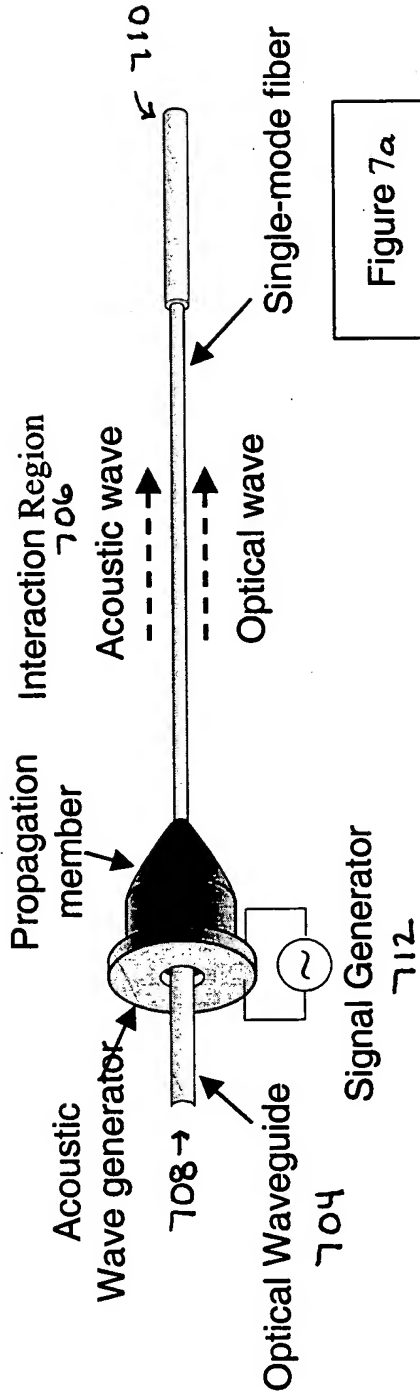


Figure 7a

Full Control of Notch Placement and Depth

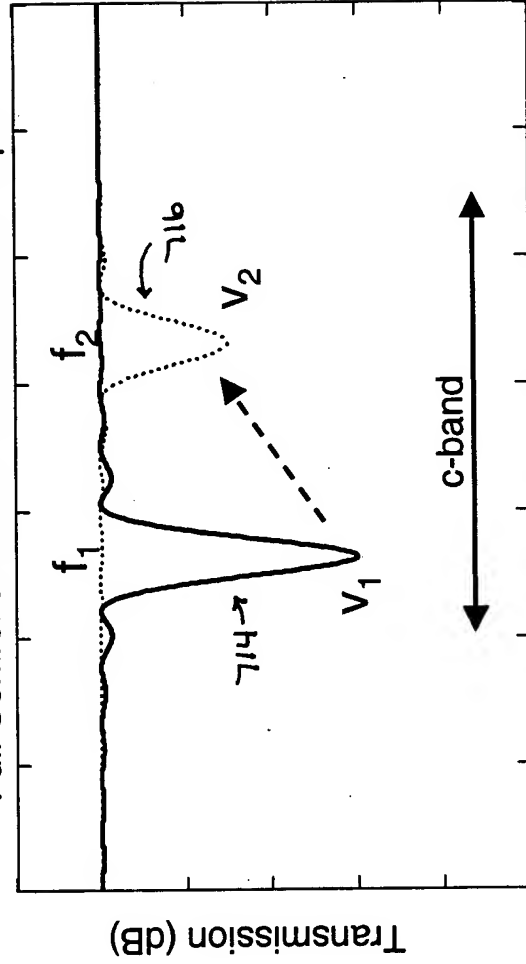


Figure 7b

Cascaded Filter Response

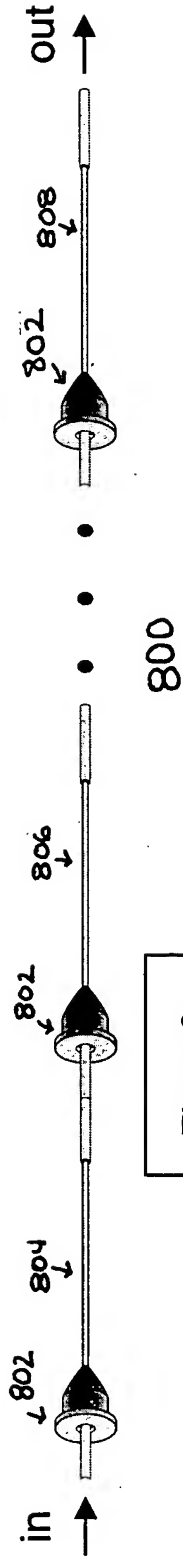


Figure 8a

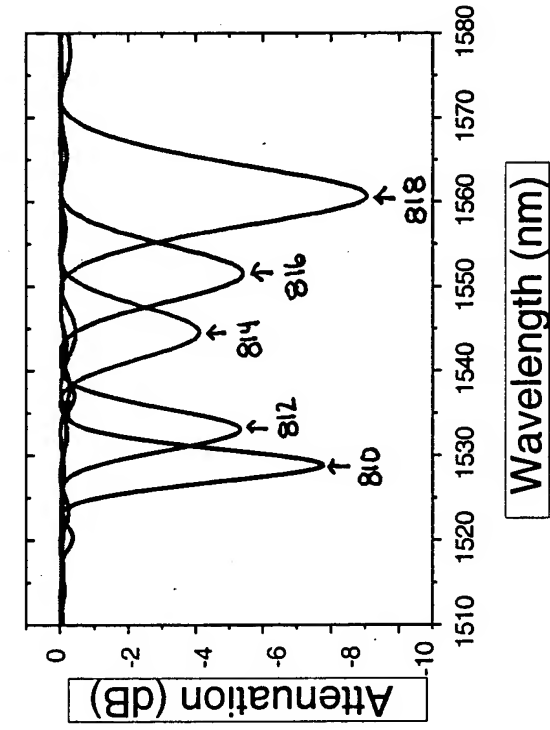


Figure 8b

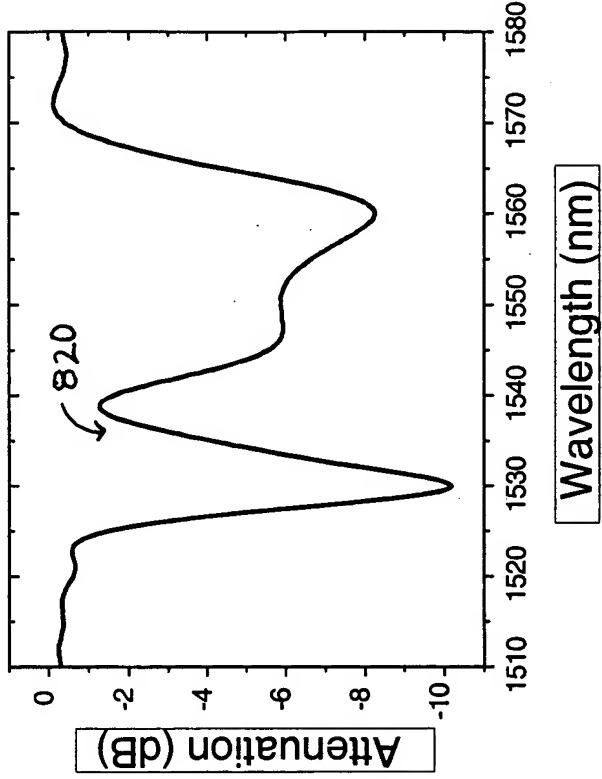


Figure 8c

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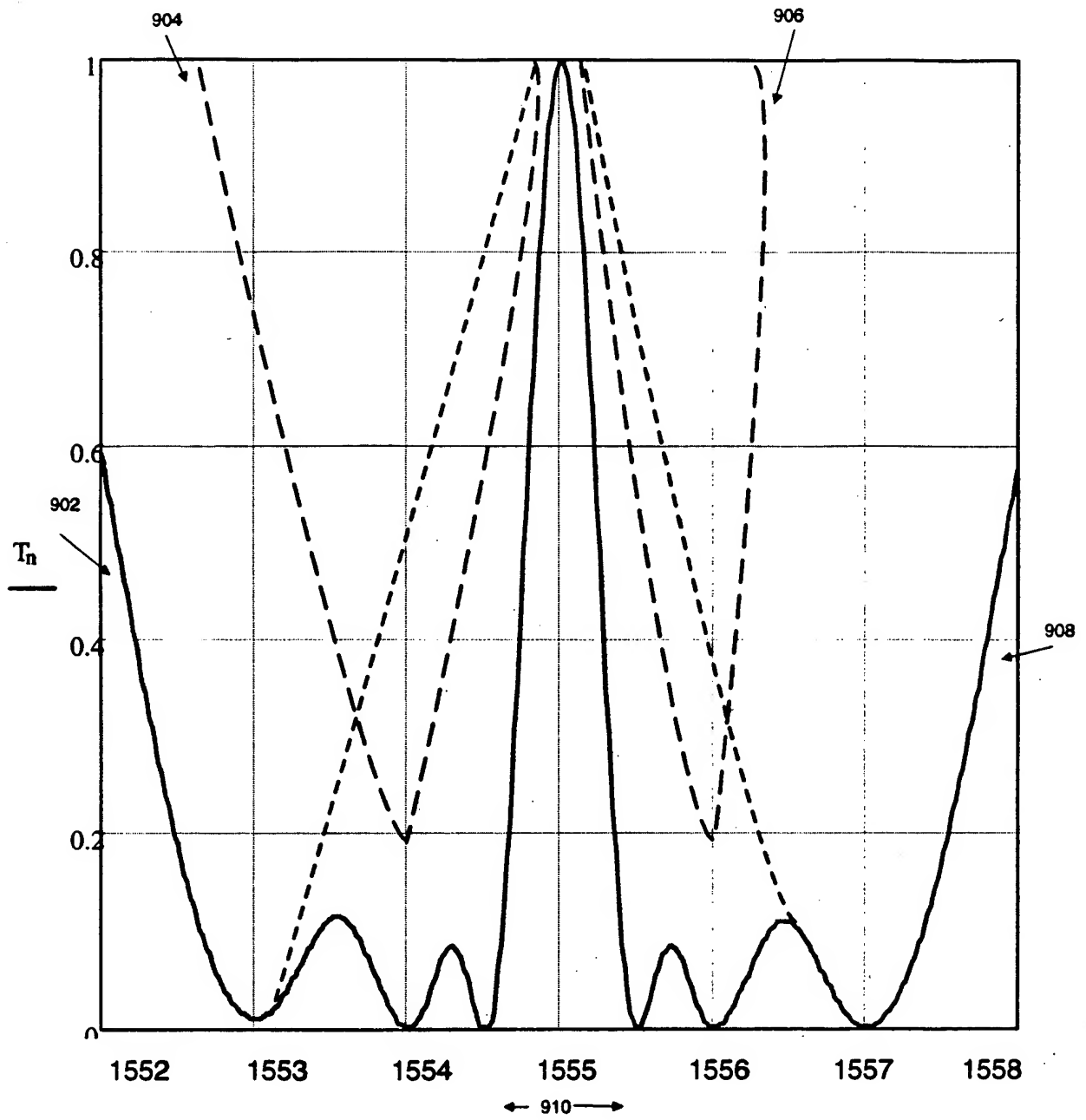


Figure 9

Dynamic Filter for Optical Amplifier Gain Shaping

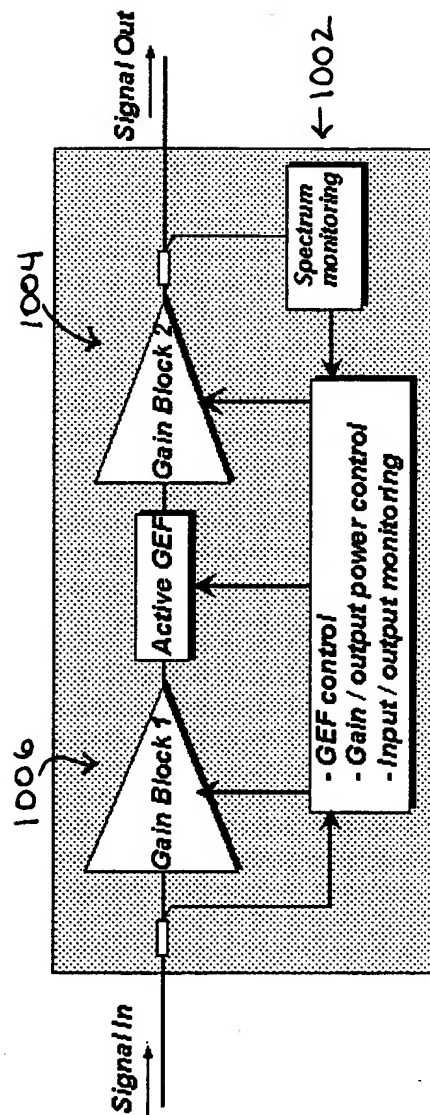


Figure 10